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10/633,808 **Application Number** 08/04/2003 **Filing Date** Alexander V. Sokoloff et al. **First Named Inventor Group Art Unit Examiner Name** 14.04.1 Attorney Docket Number

05/21/2004

05/21/2004

		ENCLOSURES (check	k all that apply)		
Fee Transmittal For	m	Assignment Papers (for an Application)	After Allowance Communication to Group		
Fee Attached	i	Drawing(s)	Appeal Communication to Board of Appeals and Interferences		
Amendment / Reply	,	Licensing-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final		Petition Petition to Convert to a	Proprietary Information		
Affidavits/de	claration(s)	Provisional Application	Status Letter		
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Certified Copy of Priority Document(s)		Remarks			
Response to Missing Parts/ Incomplete Application					
Response to Missing Parts under 37 CFR 1.52 or 1.53					
under 37 Cr	K 1.52 UI 1.55				
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Alexander V. Sokoloff, So Wong, Jon A. Wolff,)
Sean D. Monahan, James Ludtke)
Lori Higgs, Darren Wakefield,)
Magdolna G. Sebestyén)
)
Serial No.: 10/633,808)
)
Filed: 08/04/2003)
•)
Group Art Unit:)

For: Compounds for Targeting Hepatocytes

INFORMATIONAL STATEMENT

Commissioner of Patents P.O. BOX 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. 1.56, applicant hereby calls to the attention of the Patent and Trademark Office the publications listed on the attached PTO 1449. This information statement supplements the previously filed information statement.

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Applicant respectfully requests that these publications be expressly considered during the prosecution of this application and made of record herein and appear among the 'References Cited' on any patent to issue herefrom.

Respectfully submitted,

Mark K. Johnson Reg. No. 35,909 P.O. Box 510644 New Berlin, WI 53151-0644 (414) 821-5690 I hereby certify that this correspondence is being sent by United States Postal Service mail to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on:



INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
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Attorney Docket No.:	Mirus.014.04.1
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Sebestyén

Serial No.: 10/633,808

Applicant: Alexander V. Sokoloff, So Wong, Jon A. Wolff, Sean D. Monahan, James Ludtke, Lori Higgs, Darren Wakefield, Magdolna G.

Group:

Examiner:

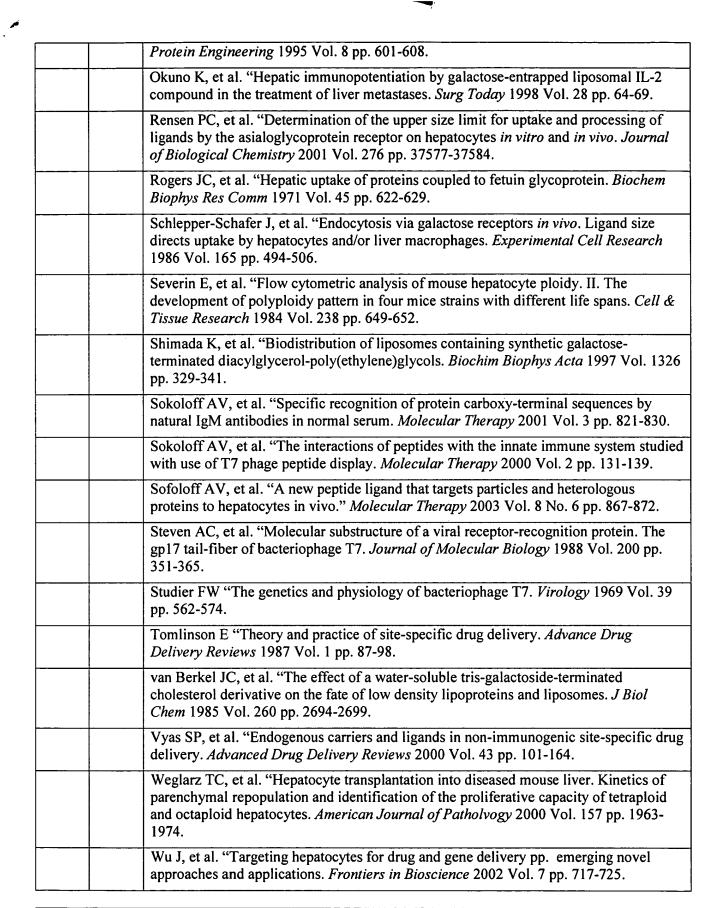
U.S. PATENT DOCUMENTS

Exmnr Intl	Seq	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Document Number	Publication Date	Country or Patent Office	Class	Sub Class	<u>Tra</u> yes	nsl. no

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, etc.) Biessen EAL, et al. "Ligand size is a major determinant of high-affinity binding of fucose- and galactose-exposing (lipo)proteins by the hepatic fucose receptor." Biochem J 1994 Vol. 299 pp. 291-296. Bijsterbosch MK, et al "Native and modified lipoproteins as drug delivery systems. Advanced Drug Delivery Reviews 1990 Vol. 5 pp. 213-251. Chiou HC, et al. "Gene therapy strategies for the treatment of chronic viral hepatitis. Expert Opinion on Biological Therapy 2001 Vol. 1 pp. 629-639. Fiume L, et al. "Inhibition of hepatitis viral replication by vidarabine monophosphate conjugated with lactasaminated serum albumin. Lancet 1988 Vol. 2 pp. 13-15. Fiume L, et al. "The pathogenesis of vacuoles produced in rat and mouse liver cells by a conjugate of adenine arabinoside monophosphate with lactosaminated albumin. JHepatology 1992 Vol. 15 pp. 314-322. Furumoto K, et al. "Biliary excretion of polystyrene microspheres depends on the type of receptor-mediated uptake in rat liver. Biochimica et Biophysica Acta 2001 Vol. 1526 pp. 221-226. Goldberg J, et al. "Erythropoietin mimetics derived from solution phase combinatorial libraries. J Amer Chem Soc 2002 Vol. 124 pp. 544-555. Groman EV, et al. "Arabinogalactan for hepatic drug delivery. Bioconj Chem 1994 Vol. 5 pp. 547-556. High KA. "Gene transfer as an approach to treating hemophilia. Circulation Research 2001 Vol. 88 pp. 137-144. Koide A, et al. "The fibronectin type III domain as a scaffold for novel binding proteins. Journal of Molecular Biology 1998 Vol. 284 pp. 1141-1151. Lee YC, et al. "Binding of synthetic oligosaccharides to the hepatic gal/GalNAc lectin. J Biol Chem 1983 Vol. 258 pp. 199-202. Meiher DKF, et al. "Drug targeting systems for antiviral agents: options and limitations. Antiviral Research 1992 Vol. 18 pp. 215-258. Nord K, et al. "Binding proteins selected from combinatorial libraries of an alphahelical bacterial receptor domain. Nature Biotechnology 1997 Vol. 15 pp. 772-777. Nord K, et al. "A combinatorial library of an alpha-helical bacterial receptor domain.



Examiner:	Date Considered: